



2162

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Draper

Attorney Docket No.: ACTUP006

Application No.: 09/921,446

Examiner: TO, Baoquoc N.

Filed: 08/01/2001

Group: 2162

Title: NESTED CONDITIONAL RELATIONS
(NCR) MODEL AND ALGEBRA

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as first-class mail on **March 16, 2005** in an envelope addressed to the Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450.

Signed: _____

Mary Deauclaire
Mary Deauclaire

**INFORMATION DISCLOSURE STATEMENT
BEFORE FINAL ACTION OR NOTICE OF ALLOWANCE
(37 CFR §§ 1.56 AND 1.97(c))**

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

The references listed in the attached PTO Form 1449, a copy of which is attached, may be material to examination of the above-identified patent application. Applicants submit this reference in compliance with their duty of disclosure pursuant to 37 CFR §§1.56 and 1.97. The Examiner is requested to make this citation of official record in this application.

This Information Disclosure Statement is not to be construed as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that this reference indeed constitutes prior art.

This Information Disclosure Statement is being filed after the mailing date of the first Office Action on the merits, or after three months of the filing date of this application, whichever event occurred last, but it is believed before the mailing date of either: (i) a final action under §1.113 or (ii) a notice of allowance under §1.311, whichever occurs first.

03/23/2005 RFEKADU1 00000005 09921446

01 FC:1806

180.00 0P

Accompanying this Information Disclosure Statement is

- ☐ a statement as specified in 37 CFR 1.97(e); or
- ☒ the fee set forth in 37 CFR 1.17(p).

If fees are due, enclosed is our Check No. 10361 for \$180.00 in payment of the Information Disclosure Statement Fee. If it is determined that any additional fees are due, the Commissioner is hereby authorized to charge such fees to Deposit Account 500388 (Order No. ACTUP006)

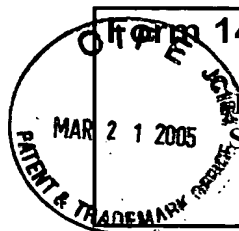
Respectfully submitted,

BEYER WEAVER & THOMAS, LLP



Elise R. Heilbrunn
Registration No. 42,649

P.O. Box 70250
Oakland, CA 94612-0250
(510) 663-1100



Office 1449 (Modified) Information Disclosure Statement By Applicant	Atty Docket No.: ACTUP006 Applicant: Draper et al. Filing Date: 08-01-2001	Application No.: 09/921,446 Group: 2162
---	--	--

U.S. Patent Documents

Examiner Initial	No.	Patent No.	Date	Patentee	Class	Sub-class	Filing Date
	1	2002/0133497	09-19-02	Draper et al			08-02-01
	2	6,449,620	09-10-02	Draper et al			03-02-00
	3	2002/0120630	08-29-02	Christianson et al			08-01-01
	4	09/718,228		Draper et al			11-21-00
	5	6,539,378 B2	03-25-03	Gupta et al			11-30-01
	6	6,799,184 B2	09-28-04	Bhatt et al			01-30-02
	7	6,697,818 B2	02-24-04	Li et al			06-14-01
	8	6,754,648 B1	06-22-04	Fittges et al			09-22-00
	9	6,269,368	07-31-01	Diamond			10-16-98
	10	6,154,738	11-28-00	Call			05-21-99
	11	6,076,087	06-13-00	Suciu			04-13-98
	12	6,012,098	01-04-00	Bayeh et al			02-23-98
	13	5,956,720	09-21-99	Fernandez et al			09-17-97
	14	5,913,214	06-15-99	Madnick et al			08-08-96
	15	4,014,004	03-22-77	Fuller			08-04-75
	16	5,572,583	11-05-96	Wheeler, Jr. et al			05-25-94
	17	5,852,825	12-22-98	Winslow			08-11-97
	18	6,356,920	03-12-02	Vandersluis			03-08-99
	19	6,356,906	03-12-02	Lippert et al			07-26-99
	20	6,343,287	01-29-02	Kumar et al			05-19-99
	21	6,339,776	01-15-02	Dayani-Fard et al			10-04-99
	22	6,308,179	10-23-01	Petersen et al			08-31-98
	23	6,263,332	07-17-01	Nasr et al			08-14-98
	24	6,094,649	07-25-00	Bowen et al			12-22-97
	25	5,970,490	10-19-99	Morgenstern			11-04-97
	26	5,826,258	10-20-98	Gupta et al			10-02-96
	27	6,604,100 B1	08-05-03	Fernandez et al			02-08-01
	28	6,507,856 B1	01-14-03	Chen et al			01-05-99
	29	6,507,857 B1	01-14-03	Yalcinalp, L. Umit			03-10-00
	30	6,535,896 B2	03-18-03	Britton et al			01-29-99
	31	6,487,566 B1	11-26-02	Sundaresan, Neelakantan			10-05-98

Foreign Patent or Published Foreign Patent Application

Examiner Initial	No.	Document No.	Publication Date	Country or Patent Office	Class	Sub-class	Translation	
							Yes	No
	32	WO 01/17286	03-08-01	WO				

Other Documents

Examiner Initial	No.	Author, Title, Date, Place (e.g. Journal) of Publication
	33	Goldman , Roy and Widom, Jennifer, "DataGuides: Enabling Query Formulation and Optimization in Semistructured Databases," Proceedings of the 23 rd VLDB Conference, Athens, Greece, 1997 (10 pp)
	34	Florescu , Daniela, et al, "A Performance Evaluation of Alternative Mapping Schemes for Storing XML Data in a Relational Database," an Experience Paper, pp. 1-22
	35	Shanmugasundaram , Jayavel, et al, "Relational Databases for Querying XML Documents: Limitations and Opportunities," Proc. Of the 25 th VLDB Conf., Edinburgh, Scotland, 1999, 13 pp.
	36	Accessing Data Using Visual Basic, Copyright 2001 Microsoft Corporation http://msdn.microsoft.com/library/en-us/vbcon98/html/vbconaccessingdata.asp?frame=tru pp. 1-3 [Accessed: 11/11/01]
	37	Forms and Data-Aware Controls, Copyright 2001 Microsoft Corporation http://msdn.microsoft.com/library/en-us/vbcon98/.../vbcondataawarecontrols.asp?frame=tru pp. 1-6 [Accessed: 11/11/01]
	38	Oracle8 Concepts, Release 8.0 Procedures and Packages, Copyright 1997 Oracle Corporation http://www.-wnt.gsi.de/oragsidoc/doc_804/database.804/a58227/ch14.html pp. 17-19 [Accessed 11/11/01]
	39	Reilly , Douglas, "Using Stored Procedures in Active Server Pages" http://www.ddj.com/documents/s=875/ddj0065e/ pp 1-8 [Accessed: 11/11/01]
	40	Nimble Technology Home Page, July 17, 2000
	41	Nimble Technology, "The Nimble Integration Suite TM " White Paper, Sept. 11, 2000 pp. 1-10
	42	Stored Procedures Overview http://www.va/pubnix.com/man/xdb/sqlref/Overview_413.html pp. 1-34 [Accessed: 11/11/01]

	43	"W3C XML-QL: A Query Language for XML," Submission to the World Wide Web Consortium, Aug. 19, 1998 http://www.w3.org/TR/1998/NOTE-xml-ql-19980819/ [Accessed: 11/11/01]
	44	W3C Architecture Domain, XML Schema http://www.w3.org/XML/Schema.html [Accessed: 11/11/01]
	45	W3C Document Formats Domain, The Extensible Stylesheet Language (XSL) http://www.w3.org/Style/XSL [Accessed: 11/11/01]
	46	Konopnicki , et al., "A Comprehensive Framework for Querying & Integrating WWW Data and Services, IEEE Proceedings Cooperative Information Systems, Sept. 1999, pp. 172-183
	47	Deutsch , Alin et al., "A Query Language for XML," Computer Networks 31, May 17, 1999 pp. 1155-1169
	48	Bonifati , Angela et al., "Comparative Analysis of Five XML Query Languages," SIGMOD Record, Vol. 29, No. 1, March 2000, pp. 68-79
	49	Chamberlin , Don., "A Complete Guide to DB2 Universal Database," Morgan Kaufmann Publishers, Inc., 1998, pp. 1-35
	50	Kasukawa et al., A New Method for Maintaining Semi-Structured Data Described in XML, Communications, Computers and Signal Processing, 1999 IEEE Pacific Rim Conference on 22-24 Aug. 1999, pp. 258-261
	51	Lowry , XML Data Mediation and Collaboration: A Proposed Comprehensive Architecture and Query Requirements for Using XML to Mediate Heterogeneous Data Sources and Targets, 2001. Proceedings of the 34 th Hawaii Inter. Conf. On System Sciences, 3 Jan. 2001, pp. 1-9
	52	International Search Report for International Application No. PCT/US01/06755, Nimble Technology, Inc., Nov. 28, 2003, pp. 1-3
	53	International Search Report for International Application No. PCT/US01/45046, Nimble Technology, Inc., Dec. 22, 2003, pp. 1-6
Examiner		Date Considered

Examiner: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.